



## PATENT ABSTRACTS OF JAPAN

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SHIMOZATO RYUICHI  
NARA FUTOSHI  
MIYAZAKI SHOJIRO**(54) **MEDICINAL COMPOSITION CONTAINING AMINO  
ALCOHOL DERIVATIVE OR SULFONIC ACID  
DERIVATIVE**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a medicinal composition containing an amino alcohol derivative or a sulfonic acid derivative, its pharmaceutically permissible salt or its pharmaceutically permissible ester as an effective ingredient.

SOLUTION: This medicinal composition contains the amino alcohol derivative expressed by formula (I), its pharmaceutically permissible salt or ester or the

sulfonic acid derivative as the effective ingredient. In formula (I),  $R^1$  and  $R^2$  express each H, an amino-protecting group, or the like;  $R^3$  expresses H or a hydroxy-protecting group, or the like;  $R^4$  expresses a lower alkyl; (n) expresses 1-6 integer; X expresses O or N which is unsubstituted or substituted with a lower alkyl, or the like; Y expresses ethylene group, or the like; Z expresses a 1-10C alkylene, or the like;  $R^5$  expresses an aryl, a substituted aryl, or the like;  $R^6$  and  $R^7$  express each H, or the like; when  $R^5$  expresses H, Z expresses a group except a straight chain 1-10C alkylene.

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